

MATERIAL SAFETY DATA SHEET

1/1/88

GEO Industries
4700 Ross Street
El Paso, TX 79905
Regular Telephone (915) 532-3110
For Emergency Information Only (800) 424-8300

HMIS
HEALTH: 2
FLAMMABILITY: 2
REACTIVITY: 0
PERS. PROT. EQUIP: A

NFPA 704

I - PRODUCT IDENTIFICATION

NUMBER: 151 NAME: Plastic Roof Cement CLASS: Asphalt Cutback - Heavy Paste

II - HAZARDOUS INGREDIENTS

INGREDIENT/CAS NUMBERS	Percent	Occupational Exposure Limits TLV	PEL	Vapor Pressure
PETROLEUM DISTILLATE CAS # 64742-88-7*	17 - 22%	100 PPM	100 PPM	<5 MMHg @ 100 Deg. F
ASBESTOS FIBERS CAS # 12001-29-5	8 - 12%	Not Applicable ***		

* Contains 2 - 3% light aromatic solvent NAPHTHA CAS # 64742-95-6, & 4 - 5% TRIMETHYLBENZENE CAS # 26551-13-7

*** Asbestos fibers, a reported carcinogen in the respiratory tract, are completely encapsulated by asphalt so no dusting occurs

III - PHYSICAL DATA

BOILING RANGE: 310-400 Deg. F.
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than ether.
WEIGHT PER GALLON: Approx. 9.4 Lb.
% VOLATILE VOLUME: 25 - 30%.
% WATER VOLUME: 0%.
MAXIMUM V.O.C.: 300 grams/liter

IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: - OSHA: 11
DOT: Combustible.
FLASH POINT: 110 Deg. F
LEL: 1%
EXTINGUISHING MEDIA: Foam, CO2, Dry
Chemical.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.
SPECIAL FIRE FIGHTING PROCEDURES: None.

V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Headache, nausea, dizziness, and unconsciousness, irritation of nose, throat and eyes. Extreme exposure may cause death by paralysis of respiratory center.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Current anemia, respiratory or liver ailment.
PRIMARY ROUTE(S) OF ENTRY: Inhalation
EMERGENCY AND FIRST AID PROCEDURES: Move person to fresh air. Apply artificial respiration if needed. Remove contaminated clothing. Wash eyes with water 15 minutes. If swallowed, DO NOT INDUCE VOMITING. CALL PHYSICIAN II

COMMENTS: The IARC Monographs (Vol. 35) reporting on mice painting studies states that there is sufficient evidence for the carcinogenicity in experimental animals of extracts of some asphalts. The same document states that there is inadequate evidence that asphalts alone are carcinogenic to humans.

VI - REACTIVITY DATA

STABILITY: Stable.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Smoke and oxides of carbon.
CONDITIONS TO AVOID: Heat and sources of ignition.
INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents.

VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Extinguish all sources of ignition in the area. Clean up spills as soon as possible with absorptive material such as clay, diatomaceous earth or other non-flammable absorbents. WASTE DISPOSAL METHOD: Dispose of as solid waste per local regulations.

VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: If TLV is exceeded, use organic respirator or supplied air system, avoiding sources of ignition.
VENTILATION: Sufficient to keep vapors below TLV.
PROTECTIVE GLOVES: Neoprene gloves to avoid repeated contact.
EYE PROTECTION: None normally needed.
OTHER PROTECTIVE EQUIPMENT: None.
HYGIENIC PRACTICES: Wash skin with soap and water or waterless cleaner. Do not use solvents.

IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from sources of ignition. Avoid heat.
OTHER PRECAUTIONS: None.

X - TRANSPORTATION DATA

D.O.T.: Regulated
SHIPPING NAME: Combustible Liquid, n.o.s., (contains mineral spirits)
HAZARD CLASS: Combustible Liquid.
LABEL REQUIRED: None.
I.M.C.O.: NA NO.: 1993. CLASS: 3.3